

LEOSMAK · COMPACT

LEO-007L

Up to 9 kg per batch capacity. The LEO-007L Compact Freeze Dryer offers advanced freeze-drying technology, remote monitoring, and durable stainless steel construction for small-batch production.



BATCH CAPACITY

9 kg

AVG. ENERGY USE

1.2 kWh / h

SHELF AREA

0.86 m²

APPLICATIONS

Freeze-Drying for Fruits & Vegetables

Freeze-Drying for Nutraceuticals & Supplements

Freeze-Dryers for Pet Food Production

CE marked

Built in EU

Why choose the LEO-007L

- ✓ **Small-batch production & R&D** — for small producers stepping up volume with hands-off operation.
- ✓ **Up to 9 kg per batch** — small-scale production runs.
- ✓ **Freezes in the chamber** — radiant freezing and heating shelves — no separate blast freezer needed. Recipes scale straight up to industrial LEO units.
- ✓ **Connected & automated** — set it, start it, and monitor remotely from the mobile app. Low power draw.

CAPACITY & OUTPUT

Batch capacity (fresh load)	9 kg
Ice condenser capacity	16 kg
Total shelf area	0.86 m²
Number of shelves	7
Number of trays	7
Tray size	GN 2/3, 2 cm

PROCESS & CYCLE

Shelf temperature range	-40 to +70 °C
Min. condenser temperature	-40 °C
Defrosting	Automatic (≈3 h)
Defrost time	3 h

VACUUM & REFRIGERATION

Vacuum pump type	Oil-sealed (oil-free option)
Refrigeration type	Air-cooled
Refrigerant	R-452B

CONTROL & MONITORING

Control system	LCD touchscreen + Wi-Fi
Menu language	English
Data logging & recipes	Wi-Fi app monitoring
Remote monitoring	Yes

BUILD

Chamber material	AISI 304 stainless steel
Shelf material	Stainless steel
Body color options	Jet Black, Traffic White, Stainless Steel, Other RAL

POWER & FOOTPRINT

Power supply	220-240 V / 1~ / 50 Hz
Connected load	3.5 kW
Energy consumption (avg)	1.2 kWh/h
External dimensions (W × D × H)	600 × 720 × 910 mm
Net weight	125 kg

WARRANTY & SERVICE

Warranty	24 months (extendable to 36)
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Recommended accessories

8× Stainless steel tray GN 2/3 20 mm for LEO-007L Fits: LEO-007L

AMARU Mineral oil for vacuum pump 10 L Fits: All

AMARU Mineral oil for vacuum pump 20 L Fits: All

AMARU Viktor – Ozone decontaminator

Stainless steel tray GN 2/3 20 mm Fits: LEO-007, LEO-007L

More accessories are available in our online store — follow the QR code.



+34 614 332 324 team@freeze-drying.tech freeze-drying.tech

Scan for live specifications, current pricing and to request a quotation.